

## INTERNATIONAL SEARCH REPORT

 International Application No  
 PCT/EP2004/011011

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/37

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data, Sequence Search

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/04157 A (JANSSEN PHARMACEUTICA NV) 27 January 2000 (2000-01-27) cited in the application claims 3,4,10,11,27-48	1-25
A	SHNEIDER B L ET AL: "Cloning and characterization of a novel peptidase from rat and human ileum" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 272, no. 49, 1997, pages 31006-31015, XP002129302 cited in the application figures 8,9	1-25

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "Z" document member of the same patent family

Date of the actual completion of the international search

30 December 2004

Date of mailing of the international search report

28 FEB 2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PANGALOS M N ETAL: "Isolation and expression of novel human glutamate carboxypeptidases with N-acetylated alpha-linked acidic dipeptidase and dipeptidyl peptidase IV activity" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 274, no. 13, 1999, pages 8470-8483, XP002129305 figures 10c,11c,12c -----	1-25
A	WO 02/26991 A (AKZO NOBEL NV) 4 April 2002 (2002-04-04) the whole document -----	1-25

# INTERNATIONAL SEARCH REPORT

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PCT/EP2004/011011

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 26  
because they relate to subject matter not required to be searched by this Authority, namely:  
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
1-25 partially

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

## 1. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with NAALADASE-like1, in which the diseases are cardiovascular diseases.

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## 2. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with NAALADASE-like1, in which the diseases are cancer.

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## 3. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with NAALADASE-like1, in which the diseases are gastroenterological disorders.

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## 4. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with NAALADASE-like1, in which the diseases are inflammation disorders.

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## 5. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with NAALADASE-like1, in which the diseases are hematological diseases.

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## 6. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with NAALADASE-like1, in which the diseases are neurological diseases.

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## 7. claims: 1-25[partially]

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with NAALADASE-like1, in which the diseases are reproduction diseases.

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8. claims: 1-25[partially]

Diagnostics, therapeutics and methods of screening for therapeutics, relating to diseases associated with NAALADASE-like1, in which the diseases are urological diseases.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/011011

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0004157	A	27-01-2000	AU 772292 B2	22-04-2004
			AU 4920099 A	07-02-2000
			CA 2337362 A1	27-01-2000
			EP 1095148 A2	02-05-2001
			WO 0004157 A2	27-01-2000
			JP 2002520057 T	09-07-2002
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WO 0226991	A	04-04-2002	AU 2162302 A	08-04-2002
			WO 0226991 A2	04-04-2002
			EP 1328642 A2	23-07-2003
			US 2004053283 A1	18-03-2004
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